

# *Land and Water Quality Division*

## *Monitoring Well Program Update*

*By*

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# ***Monitoring Well Program Staff***

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- Ernesto Profeta, Environmental Health Technician. 619. 338.2492
- Veronica Tavizon, Environmental Health Technician. 619. 338.2223
- Kevin Heaton, and Tony Sawyer, Hydrogeologists, Technical Advisors  
619.338.2221 and 338.2289

# ***SAM Manual Revisions***

- Permit Requirements – Exploratory or Test Borings and Geotechnical Borings
  1. *Any boring in which a casing will be installed*
  2. *Any boring that has a monitoring device installed*
  3. *Any soil boring greater than 20 feet in depth*
  4. *Any soil boring, 20 feet or less in depth, where the groundwater table is anticipated to be encountered*

# ***SAM Manual Revisions cont...***

- Exploratory or Test Borings and Geotechnical Borings

*In areas where hazardous waste or hazardous materials have not been stored, are not now stored, are not proposed to be stored: or where soil and groundwater contamination is not known or suspected, a permit may be waived after review by DEH. For this determination submit a detailed site map and a description of the proposed work to assist in the evaluation.*



## ***SAM Manual Revisions Cont...***

- Permit extensions fees increased to \$45.00 from \$30.00
- Well logs are due within 60 days of completion
- Drillers bond raised from \$2500 to \$7500
- All well construction and boring reports must have the original signature of the registered professional and logs must be stamped with their seal

# ***SAM Manual Revisions cont...***

## Appendix B

### Temporary Wells and Destruction Requirements

*Temporary wells are considered to be exploratory borings and must be destroyed within 24 hours of construction. A monitoring well shall be destroyed by removing all material within the original borehole, including the casing, filter pack, and annular seal, with the remaining borehole being completely filled from the bottom of the borehole to the ground surface with an approved sealing material as specified in Bulletin 74-90*

# ***SAM Manual Revisions cont...***

## Appendix B

- 1. Top of well casings should be surveyed to an accurate datum by a properly licensed professional*
- 2. In well construction diagrams, wording has been added stating that “the concrete surface seals must extend a minimum 36” below ground surface”*

# ***Monitoring Well Program Fiscal Year 2001-2002***

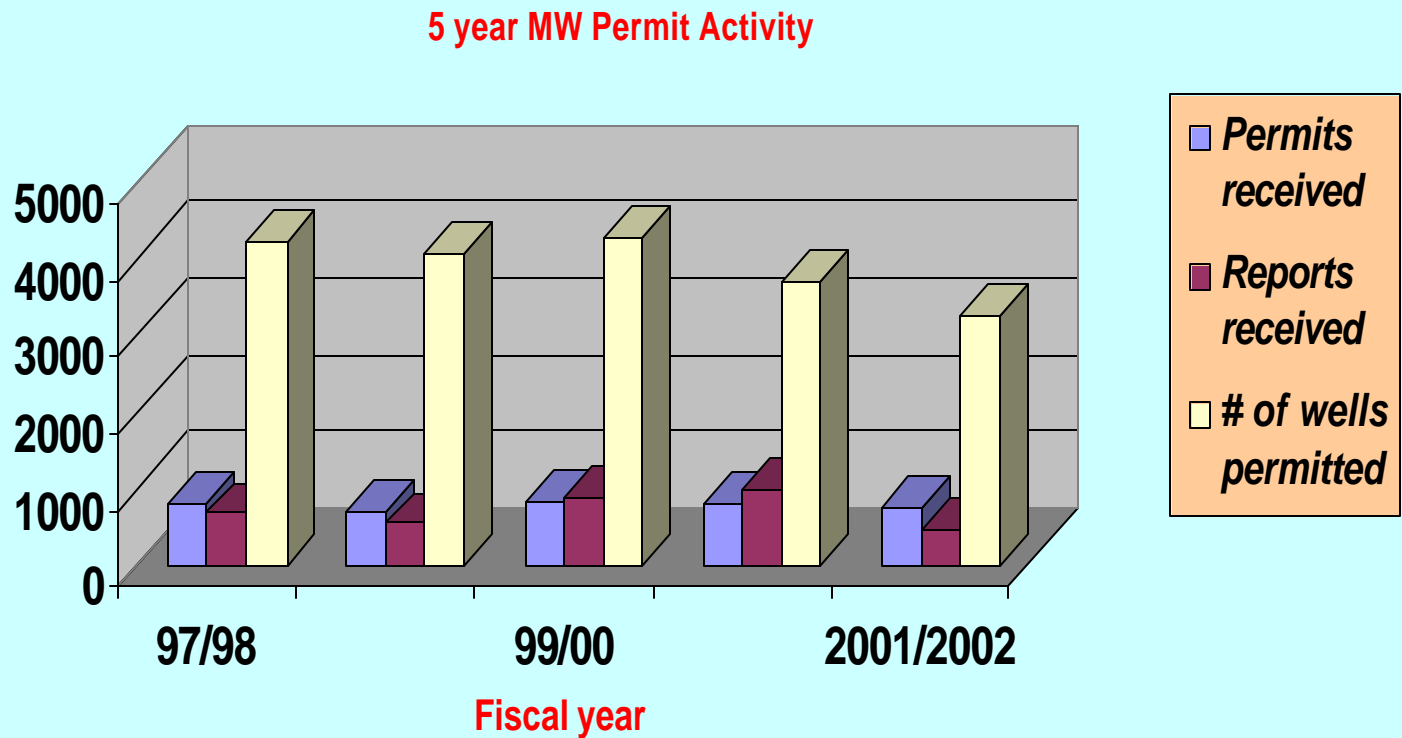
- Number of Permits...709
- Total number of activities...3195
  - 1. 1287 borings
  - 2. 473 destructions
  - 3. 1055 monitoring wells
  - 4. 450 other
- Number of Drilling Reports...452
- Number of Facility Inspections...544



## *Monitoring Well Program*

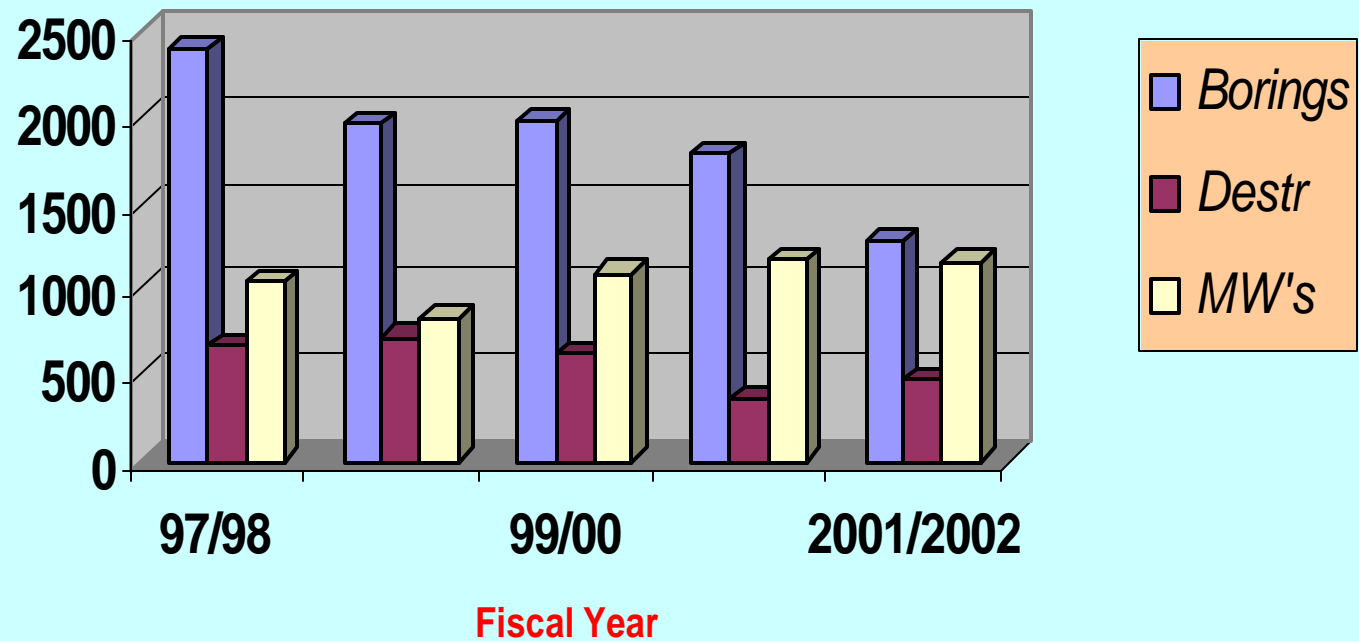
- Permitting of Monitoring Wells was instituted in 1986
- Incorporated in the San Diego County Code of Regulatory Ordinances, Chapter 4
- Over 1200 sites
- 8000 plus existing wells
- Over 70% wells not maintained

# *Permit Activity 5 Fiscal Years*



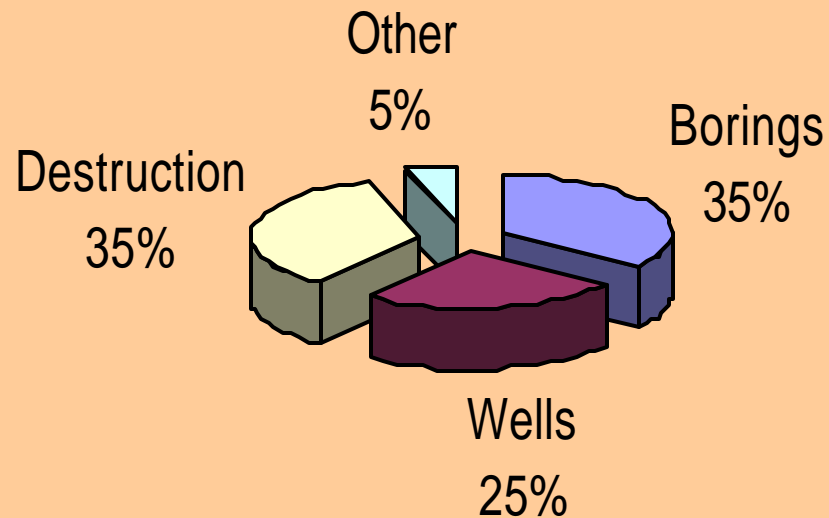
# Permit Type Activity

5 Year Permit Type Activity



# *Projected MW Activity FY 05-06*

## ***Projected MW Activity FY 05-06***





## ***MW Inspection Goals***

- 100% New Monitoring Wells
- 100% Destructions
- 25% Drilling inspections
- Once every 3 years, existing monitoring wells
- Drilling reports reviewed within 30 days of receipt.

## *Monitoring Well Program Proposed Fees*

- Fees to be adjusted for next four fiscal years; 02/03, 03/04, 04/05, 05/06
- Fee proposals based on salary adjustments approved by county beginning July 1, 2001
- Four Public Workshops were conducted concerning the proposed adjustment of fees

## *Monitoring Well Program Proposed Fees cont...*

- Triennial permits for Monitoring Wells
- Investigative fees for work without a permit
- Tank Monitoring Well Fee
- Re-inspection Fee

## *Proposed Triennial Fee*

- Included with new permit application
- Valid for three years
- Renewal option for three additional years
- Goal to get unused wells destroyed under permit



## *Investigative Fee*

- Approximately 10% of work performed before permit is issued
- Fee for work without permit
- Investigative fee is 100% of the work performed without a permit

## *Re-inspection Fee*

- Assessed when drilling inspections are scheduled and work is not conducted when staff arrive on site
- Assessed when a notice is issued and there is no compliance after the second inspection.
- \$100.00 per facility

## *Tanks Monitoring Well Fee*

- Used for purposes of integrity testing
- Wells are installed in backfill
- May be reimbursable by SWRCB Clean Up Fund
- \$300.00 per facility
- Alternate construction plan needs to be prior approved

## *Presentations Posted on Sam Web Site*

- Staff presentations

[www.sdcountry.ca.gov/deh/lwq/sam](http://www.sdcountry.ca.gov/deh/lwq/sam)

- Proposed DEH fee adjustments posted

[www.sdcountry.ca.gov/deh](http://www.sdcountry.ca.gov/deh)